



countdown

August 26, 2008

Vol. 13, No. 64

Atlantis stacked and getting ready for rollout Saturday

◆ **Shuttle Update:** Space shuttle Atlantis was moved from Orbiter Processing Facility bay 1 Friday night and arrived inside the VAB by 11:05 p.m. Atlantis is attached to its external fuel tank and twin solid rocket boosters (see below), and additional preparations are underway for rollout to Launch Pad 39A, scheduled to begin 12:01 a.m. Saturday.



◆ **NASA News** — NASA has issued a Request for Information, or RFI, to gauge interest and solicit ideas from private companies in providing communications and navigation services that would support the development of exploration, scientific and commercial capabilities on the moon for the next 25 years.

NASA plans to establish science stations on the lunar surface beginning as early as 2013, followed by the return of humans to the moon and establishment of

the first lunar outpost in 2020. Communications, networking and navigation capabilities required to support these efforts will be provided by NASA, other national space agencies and private industries.

The services for which NASA seeks information in this RFI are communications, networking, and position, navigation and timing. The information requested is for planning purposes only as this RFI is one step of a larger study that will culminate in a final NASA report addressing strategies for the commercial co-development of lunar communications and navigation.

■ **ODIN IT Expo** — Check out the Outsourcing Desktop Initiative for NASA (ODIN) IT Expo 10 a.m. – 2 p.m. **today** in the Headquarters Building lobby. Some of the vendors that will be attending include Dell, Apple, Kingston and Fijistu. If you have any questions about the expo, please e-mail KSC-ODIN-Outreach@mail.nasa.gov.

■ **Win Universal Studios Tickets** — The NASA Exchange is having a drawing for two Universal Studios tickets. Simply complete a short survey about the NASA Exchange retail stores. Surveys are in all of the stores and will be sent to all mail codes. Limit is one entry per employee. All entries must be submitted by close of business Sept. 15.

■ **HEWP Offers Integrative Stress Reduction Class** — From 11:45 a.m. to 12:30 p.m. Sept. 3, the KSC Health Education and Wellness Program will host Registered Yoga Teacher Ruby Saunders who will talk about integrative stress re-

NASA seeks ideas for lunar navigation, communication

duction. The class will be held in Classroom 112 in the Training Auditorium.

In this introductory class, Saunders will present a few holistic tools such as gentle stretching and breathing meditation used to recognize and ease the effects of stress on the body. These techniques promote freedom of movement and body awareness and help to clear and center the mind.

■ **PM Challenge 2009 Call for Speakers** — Connect and Discover! Do you have a topic of interest to NASA program and project management stakeholders? Submit your speaker abstracts for PM Challenge 2009 by Sept. 12. Find out more at the Web site: <http://pmchallenge.gsfc.nasa.gov/speaker2009.htm>.

■ **KEA Academy** — The Aug. 28 presentation has been rescheduled for Sept. 3. Fernando Santo will present "Safe and Effective Processing: Avoiding the Common Error" from 10 to 11 a.m. in the KSC Training Auditorium, hosted by the KSC Engineering Academy. Please send questions and comments to KSC-Engineering-Academy@mail.nasa.gov. To view future listings, or video/PDF versions of past KEA events, please visit: <http://kea.ksc.nasa.gov/>.

Countdown is published every Tuesday & Thursday for NASA KSC employees. Deadlines are 10 a.m. Mondays & Wednesdays. E-mail news to anita.barrett@jbsc.ksc.nasa.gov. For questions or information, e-mail or call 321-867-2815. You can also find PDF editions of *Countdown* on the Web at http://www.nasa.gov/centers/kennedy/news/countdown/countdown_toc.html.